

Bulletin 1912-1913

Marquette University

Marquette College

of

Arts and Sciences



Milwaukee, Wisconsin

Marquette University

Marguette College of Arts and Sciences.

College of Applied Science and Engineering.

Courses in Civil, Medianical and Richtrical Engineering, Markey to the degree of Bachelor of Science in Engineering.

Department of Medicine.

A four year course leading to the degree of Dodge or Maddian

College of Law, including

- a The Day Law School, a three-year course lending to the ourse of Bachelor of Luw-

School of Dentistry.

The R. A. Johnston College of Economics, includion

a The School of Business Administration.

The School of Pharmacy, including:

b The two year course leading to the degree of Graduate in Particular

Department of Music.

Vocal, Violin, Violoncello, Organ and all orchestral morning the Expression, Public School Music, Enterthe and Sight Berling.

Marguette Academy.

Proparatory Department, Classical and Communical Courses and Courses Preparatory to Law, Medicine and Engineering

The University Extension Department, including

- a The Evening Cluster in Arts and Sciences, and Bright Tink.
- Engineering, Law and Economics.

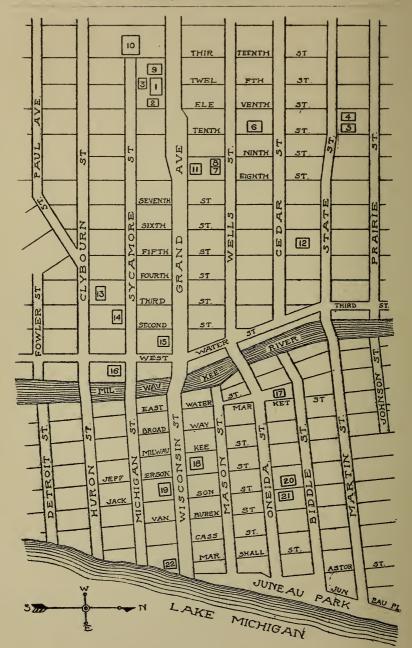
The Summer School.

Fix weeks' session during July and August

Marquette Unllege of Arts and Sciences



Marquette University
12th Street and Grand Avenue



LOCATION OF UNIVERSITY BUILDINGS AND OTHER POINTS OF INTEREST.

- 1. Marquette University-Main Building:
 - (a) College of Arts and Sciences.
 - (b) R. A. Johnston School of Economics and Journalism.
- 2. Department of Law.
- 3. Department of Engineering.
- 4. Marquette Athletic Field.
- 5. Marquette Academy.
- 6. Department of Music.
- 7. Department of Medicine.
- 8. Trinity Hospital.
- 9. Church of the Gesu.
- 10. Gesu School and Hall.
- 11. Public Library.
- 12. Auditorium-
- 13. Union Depot (C. M. & St. P.; Soo Line).
- 14. Interurban Terminal Station.
- 15. Plankinton Hotel.
- 16. Goodrich Navigation Company Docks.
- 17. City Hall.
- 18. Hotel Pfister.
- 19. Post-Office.
- 20. Court House.
- 21. St. John's Cathedral.
- 22. Northwestern Depot (C. & N. W.).

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CALENDAR 1912-13.

1912.

August 29, Thursday-Conditioned Examinations.

August 30, Friday-Conditioned Examinations.

August 31, Saturday—Entrance Examinations.

September 3, Tuesday—Registration.

September 4, Wednesday—Session begins.

September 13, Friday-Solemn Mass of the Holy Ghost, Assembly.

November 1, Friday-All Saints Day: recess.

November 6, Wednesday-First Quarterly Examinations.

November 28, Thanksgiving Day: recess.

December 2, Monday-Classes resumed.

December 23, Assembly. Christmas Recess begins.

1913.

January 2, Thursday-Classes resumed.

January 16, Thursday-Second Quarterly Examinations.

January 23, Thursday-Semester Examinations: Juniors, Seniors.

February 1, Saturday—Second Semester begins. Registration.

March 5, Tuesday-Intercollegiate English Contest.

March 17, Monday-Annual Retreat.

March 20, Thursday, p. m.—Easter Recess begins.

March 25, Tuesday-Classes resumed.

March 26, Wednesday-Intercollegiate Latin Contest.

April 2, Wednesday—President's day (transferred from March 19th).

April 3, Thursday—Third Quarterly Examinations.

April 8, Tuesday—Preliminary Contest in Elocution.

April 17, Thursday—Preliminary Contest in Oratory.

April 28, Monday-Contest in Elocution.

May 1, Thursday-Ascension Thursday, Holy Day: recess.

May 5, Monday—Contest in Oratory.

May 30, Friday-Memorial Day: recess.

June 9, Monday—Examinations: Juniors, Seniors.

June 12, Thursday—Annual Examinations.

June 20, Friday-Commencement.

June 24, Monday-Summer Sessions open.

HISTORICAL SKETCH.

Marquette College of Arts and Sciences, though opened only in 1881, was planned much further back, even before 1850. The need of a Catholic College was an all-absorbing thought with the Right Reverend John Martin Henni. In 1848 he made a trip to Europe. While passing through Belgium he providentially met the Chevalier J. G. de Boeye, of Antwerp, who placed in his hands the sum of \$16,000 with which to found an institution under the care of the Fathers of the Society of Jesus. Within a few years after his return Bishop Henni had bought the greater portion of the present Academy grounds bounded by State and Prairie, Tenth and Eleventh Streets. The remaining part of the square was acquired by the Jesuits only in 1863.

In 1855 the Jesuit Fathers came to Milwaukee and took charge of St. Gall's parish, on Second and Sycamore Streets. There two years later they opened a school known as St. Aloysius Academy. This was supplanted in 1864 by a new building, the St. Gall's Academy, capable of accommodating from three to four hundred pupils. The Academy was not a mere elementary school; the boys were taken through several years of classics, elementary rhetoric, science, and mathematics; and many of Milwaukee's prominent citizens received their education within its walls.

On March 22, 1864, the school was incorporated by an act of the State Legislature and empowered "to grant such literary honors and degrees as its Trustees may deem proper." Its legal title was Marquette College. However, it was not until 1880 that the Marquette College building on Tenth and State Streets, now the Academy building, was erected. The corner-stone was laid on August 15th of that year. laying the corner-stone of the edifice which will henceforth bear the honored name of 'Marquette College,'" said the Honorable Mr. Onahan on that occasion, "we share in an act of homage to the memory of the great missionary and explorer, which will be greatly welcomed and heartily applauded by all who esteem virtue and admire heroism. The historian Bancroft prophesied of Marquette that the west will build his monument. The monument which the historian perhaps contemplated is not yet begun. But this college will be after all the most fitting and most acceptable n onument to the Christian Apostle, and most entirely in keeping with his life and mission." Classes were opened in September of the following year, and in 1887 the degree of Bachelor of Arts was conferred upon Marquette's first graduates.

In 1906 the building on Grand Avenue was put up through the munificence of Mr. and Mrs. Robert A. Johnston. The new building occupies one of the finest sites on Grand Avenue and is as beautiful in appearance as it is commodious in its interior arrangements. There the work

of the College of Arts and Sciences is now carried on. The rooms of the cld College building on Tenth and State Streets are thus left free for the courses of the high school and commercial departments.

CHRONOLOGICAL TABLE.

- 1855-The Jesuits came to Milwaukee.
- 1857-St. Aloysius Academy is opened.
- 1864-New building is erected, known as St. Gall's Academy.
- 1864—The School is incorporated as Marquette College.
- 1880-Cornerstone of College building is laid.
- 1881-Classes are opened.
- 1887—First graduates receive the B. A. degree.
- 1906-Marquette College celebrates its Silver Jubilee.
- 1906-New building on Grand Avenue is put up.
- 1906—New Charter is obtained. The legal title of the institution becomes "Marquette University."
- 1907-Milwaukee Medical College is affiliated to Marquette University.
- 1908—The Milwaukee Law School becomes the Law Department of the University.
- 1908-The College of Applied Science and Engineering is begun.
- 1908—Property is purchased on the corner of Grand Avenue and Thirteenth Street.
- 1909-Summer Session organized.
- 1910-Mackie Estate acquired for the College of Law.
- 1910-Engineering addition erected on Sycamore Street.
- 1910—Robert A. Johnston College of Economics opened with School of Business Administration and School of Journalism.
- 1910—Wisconsin Conservatory of Music affiliated. Affiliation dissolved at the close of the school year.
- 1911-Marquette University Conservatory of Music organized.

GENERAL INFORMATION.

Marquette University is under the control of the Jesuits. As educators they aim to secure the gradual and just development of both mind and heart. They recognize moral training as an essential element of education, and spare no efforts to form the students to habits of virtue, while offering them every facility and aid to the highest mental culture. It is their ambition to form men of deep thought, solid principles, virtuous habits and sound religious convictions.

The educational system is substantially that of the other colleges of the Jesuits. Since the publication of Loyola in the Great Educator's Series,

by Scribner, and *Jesuit Education*, by Herder, those who are desirous of making either a scientific or historical study of that system have abundant sources of information.

The courses leading to the Bachelor's Degree will ordinarily require four years for their completion. The curriculum is to a large extent a prescribed one, especially during the first two years. It is considered essential that the branches that belong most to general education and form the basis for future progress should be made the subject of study during these two years. During the third and fourth years greater latitude of choice is allowed to the student. During these years the principal stress is laid on mental and moral philosophy, as well for the influence such study has in mental development as for its power in steadying the judgment of the student in his outlook on the world and on life. Rational Philosophy as a means of developing young manhood is an instrument of strength and effectiveness.

But to obtain these results philosophy must be such in reality as well as in name. It must not content itself with vague groping after light, with teaching the history of philosophy; detailing the vagaries of the human mind, without venturing to condemn them; exposing the contradictory systems which have held sway for a time, without any expression of opinion as to the fatal defects which caused them to be discarded; but it must present a logical, unified, complete system of mindculture in accord with the established laws of human thought; it must take its stand on some definite propositions expressive of truth; it must rise to the dignity of a science. With such a definite system to defend against attack, the mind becomes more acute and plastic, the logical powers are strengthened, the value of a proof is properly estimated, the vulnerable points of error are readily detected, and truth comes forth triumphant from every conflict of mind with mind.

Thus established, Marquette University, in its collegiate department, gives an education which prepares its beneficiary to cope with the difficulties of life and compete successfully in the struggle. This will be seen from a consideration of the field covered by the curriculum.

The College has no dormitories for the accommodation of students. Those coming from homes at a distance from Milwaukee will, however, be able to find board and lodging in private families in the neighborhood of the University. Lists of suitable rooms will be furnished on application. Students coming to the city should apply at once at the College office on Grand Avenue and Twelfth Street.

The moral and religious interests of the students are matters of the closest concern to the members of the College Faculty. Catholic students are required to follow the courses given in religious instruction and to be regular in attendance at religious exercises conducted for their benefit.

It is the policy of the institution to trust as much as possible to the honor of the students in carrying on the government of the College; yet for the maintaining of order and discipline, without which good results are not attainable, regular and punctual attendance, obedience to College regulations, serious application and blameless conduct will be insisted on. Any serious neglect of these essential points will render the offender liable to effective correction and even to dismissal, if such a measure should be deemed necessary for the common good.

Reports are made at regular intervals to parents or guardians to keep them properly informed of the progress made. The interest manifested by parents in the success of their sons will be of great assistance to the Faculty in securing the best results in the education of the students under their charge.

EXPENSES,

As the institution is not endowed, it is entirely dependent for its support on the fees paid for tuition.

COLLEGE OF ARTS AND SCIENCES.

Tuition for all classes, ten months	.\$60.00
Physics, lecture room and laboratory fee	. 10.00
Chemistry, lecture room and laboratory fee	
Biology, laboratory fee	
Diplomas for graduates	. 5.00
Conditioned examination	. 1.00

Payments for conditioned examination must be made invariably before the examination.

Payments for tuition, etc., must be made quarterly or semi-annually in advance. No deduction is allowed for absence, except in case of dismissal or protracted illness.

Students whose accounts with the Treasurer are not settled will not be admitted to examination.

Good board and lodging can be secured near the college at the rate of \$4 to \$5 per week. Students who club together can board for less.

REQUIREMENTS FOR ADMISSION.

All candidates for admission must present satisfactory testimonials of good moral character, and of honorable dismissal from the High School or College which they last attended.

Candidates for advanced standing must satisfy the conditions for admission to the Freshman Class, and must pass an examination in the studies previously pursued by the class which they aim to enter, or present a certified record of work done in an institution of equal standing. Admission to the Freshman Class will be granted:

- a) To those who have satisfactorily completed the course of the Marquette Academy.
- (b) To graduates of those High Schools which are accredited by the University of Wisconsin, on presentation of a copy of the detailed program of the studies pursued by them in such schools. As Greek is required for the degree of Bachelor of Arts, a special class will be arranged for those who enter without credits in that study.

Other applicants may qualify for admission by passing examinations in the following subjects to the extent of *fifteen* units of credit:

SUBJECTS ACCEPTED FOR ADMISSION.

- Latin—(1) Grammar.—The entire Latin Grammar, including a knowledge of all regular syntactical constructions; translation into Latin, at sight, of complex English sentences, entailing the application of rules for relative clauses, indirect discourse and conditional sentences.
 - (2) Composition.—Translation into Latin of easy continuous prose, based on Caesar's Gallic War and on the Letters and Orations of Cicero.
 - (3) Authors—Caesar: De Bello Gallico, four books. Ovid: Metamorphoses and Tristia. Cicero: The Orations against Catiline. Virgil: Aenid six books.
- Greek—(1) Grammar.—Etymology complete (including the irregular and defective forms); the rules for accents; syntax; the Homeric dialect.
 - (2) Composition.—Translation into Greek of simple English sentences based on Xenophon's Anabasis.
 - (3) Authors—Xenophon: Anabasis, four books. Homer: Iliad, three books, or Odyssey, three books.
- English—Rhetoric.—The candidate must be prepared on the matter contained in a standard text-book such as Hill, Coppens, Williams, Genung, Carpenter, Thorndike.

Composition.—A brief prose composition will be required, evidencing proficiency in the writing of clear, idiomatic English. The subject will be taken from the candidate's experience, or based on the books he presents for examination.

Fair penmanship and accurate spelling will be considered as essential preliminary requirements.

English—Texts prescribed for reading and study: Two plays of Shake-speare; Burke's Conciliation with the Colonies or American Taxation; Irving's Sketch Book; one essay of Macaulay; Scott's Lady of the Lake; Goldsmith's Deserted Village; Tennyson's The Passing of Arthur; Lowell's Vision of Sir Launfal; Coleridge's Ancient Mariner.

The applicant should make himself familiar with the characters, the plot, incidents and characteristic diction of each work. Equivalents will be accepted.

- History—(1) Ancient History, including the history of the Oriental nations, Greece and Rome.
 - 2. Modern History from the foundation of the Holy Roman Empire to the present time.
 - 3. United States History and Civics.

Mathematics—(1) Algebra to quadratics.

- 2. Advanced Algebra.
- 3. Plane Geometry.
- 4. Solid Geometry.
- Physics—As treated in a standard high school text.

 Laboratory note book must be submitted.
- Chemistry—As treated in a standard high school text.

 Laboratory note book must be submitted.
- Modern Language—(1) Grammar with reading of easier narrative and descriptive passages.
 - 2. More thorough grammatical knowledge, especially of syntax; reading of more difficult selections.

REQUIREMENTS FOR DEGREE.

Prescribed Work.

All candidates for a degree must acquire credit for four years in English, including Rhetoric, Composition and Literature. In addition they must present a minimum of two years' credit in each of the following groups:

- 1. Chemistry, Physics, Biology, Geology, Astronomy.
- 2. Mathematics, History, Economics, Education.
- 3. Logic, General Metaphysics, Psychology, Natural Theology, Ethics, History of Philosophy.

Candidates for the A. B. degree will present in addition credit for two years in Latin and Greek. (Courses A and B in Latin and Course B in Greek are not accepted for this requirement.) Candidates for the B. S. degree may substitute two years in German, French or Spanish.

COMBINED COLLEGE AND MEDICAL COURSE.

The avowed policy of the University in all its departments is to encourage in every way the gaining of a broad general education as a foundation for the work of a profession.

In no profession is there greater need for such education than in medicine. As a preliminary step in this direction the Collegiate and Medical Departments offer an optional six-year course, including two years of collegiate work in arts and sciences, followed by two years of study in the fundamental branches of medicine. Upon the completion of the following two years of clinical study, that is, at the end of the combined six-year College and Medical course, the degrees of Bachelor of Science (B. S.) and Doctor of Medicine (M. D.) are conferred.

As an entrance requirement, the student must have completed the Academy or High School course, or its equivalent.

COMBINED COLLEGE AND ENGINEERING COURSE.

Graduates or other students of the College of Arts and Science, who intend to enter the School of Applied Science and Engineering, will be given due credit for their work in languages, mathematics and science. Senior students in the College Department will be allowed to choose their electives with a view to the Engineering studies they intend to take up. Thus they will be able to receive the degree of Civil or Electrical Engineer three years after their graduation from the College of Liberal Arts.

ELECTION OF COURSES IN OTHER DEPARTMENTS.

Students who have completed the Sophomore year may, with the consent of the Dean of the College of Economics, elect a limited number of hours in the College of Economics to count towards the Bachelor's degree.

COLLEGE OF ARTS AND SCIENCES. OFFICERS.

REV. JOSEPH	GRIMMELSMAN, S. J	President
REV. JOSEPH	A. MURPHY, S. J	$. \ Vice-President$

FACULTY.

BERNARD A. ABRAMS	French, German
ROBERT N. BAUER, Ph. G	
JAMES A. BICK, S. J	Biology
CSCAR BURCKHARDT	German, Spanish, Latin
REV. JOHN J. DANIHY, S. J	English Literature
REV. GEORGE A. DEGLMAN, S. JPs	cychology, Greek, Evidences
of Religion	

REV. HUGH M. P. FINNEGAN, S. J
REV. IGNATIUS B. KIRCHER, S. J
REV. HUGH B. MAC MAHON, S. JLogic, Cosmology, History of
Philosophy
REV. JAMES P. MONAGHAN, S. J
*REV. JAMES L. MCGEARY, S. J
REV. CHARLES B. MOULINIER, S. J
REV. JOSEPH A. MURPHY, S. JElocution
REV. JOHN F. O'CONNOR, S. JLatin, History
**REV. PATRICK F. O'BRIEN, M. ALatin
REV. AUGUSTINE D. THEISSEN, S. J

THE COLLEGE.

The College Course extends through four years and embraces instruction in the departments of Philosophy, Language, Literature, History, Science, and Mathematics. The aim of the course is to give the student a complete liberal education, which will train and develop all powers of the mind, and will cultivate no one faculty to an exaggerated degree at the expense of the others. The college ideal is not to foster specialization, but to cultivate the mind, to build up and strengthen true character, and to impart that accuracy of thought and reasoning and that breadth of view which must ever be the foundation as well of more advanced scholarship as of eminence in the professions or other stations in life.

To attain this end, the studies prescribed in this course, and leading up to the degree of Bachelor of Arts, are regarded as fundamental and essential in a liberal education, and therefore are not left to the student's option. It is especially to be noted that practically all the studies in the Freshman and Sophomore years are prescribed. Only in the Junior and Senior years do some of the studies become elective.

COLLEGE CLASSES.

FRESHMAN CLASS—The object of this class is the cultivation in a special manner of literary taste and style, which is to be effected chiefly by the study of the best poets and prose writers. The Greek and Latin classics are studied for this purpose, together with such English writers as are noted for the highest qualities of literary substance and form. Special emphasis is laid on the study of poetry. Moreover, in this class, as in the others of the course, the literary work is supplemented by that training in Mathematics, Science and History, which is required by a liberal education.

^{*}Resigned July, 1912.

^{**}Resigned June, 1912.

SOPHOMORE CLASS—The work of this year centers on the study of Oratory and Historical Composition. The nature and types of Oratory, principles of argumentation, the nature and requirements of historical writing, are thoroughly investigated—the best models, ancient and modern, forming the subject-matter of study. Thus, while perfecting literary taste, the class is intended to develop that grasp and perspective of structure without which composition on a large scale is impossible.

JUNIOR CLASS—The object of this class is to form the mind to habits of correct reason and to impart sound principles of philosophy. Logic, Rational Philosophy—being, causality, the nature of matter; the human soul, its nature, origin, operation, etc.—are the chief subjects of study. The additional training received from the study of the history of Philosophy and various literary topics is by no means neglected.

SENIOR CLASS—The study of Philosophy is continued this year in courses on the two important subjects of Natural Theology and Ethics. These courses treating of the existence of God, the origin of Moral Obligation, the Natural Law, Duties and Rights, etc., form the crowning work of a liberal education. Their aim is to teach sound principles of conduct, to give the students clear ideas on the purpose and destiny of man, and on the problems of life and their solution, as furnished by ethical principles.

OUTLINE OF COLLEGE COURSE.

DEPARTMENT OF PHILOSOPHY.

I. LOGIC.

- A. Formal Logic or Dialectics.
 - Definition. General idea of reasoning. Logic; natural and scientific.
 - 2. Elements of Logic.
 - (a) Material Elements. Acts of the mind; ideas, judgments, reasoning; their nature, kinds, properties and external expression.
 - (b) Formal Element. Inference from a combination of judgments; its requisites, external expression. Principles and laws of reasoning. Forms of Argumentation.
 - 3. Kinds of Reasoning.
 - (a) Deductive. The $\operatorname{Syllogism};$ demonstrative, probable, sophistic. Fallacies.
 - (b) Inductive. Its nature, requisites, use and abuse.
 - 4. How to build an argument. Invention, definition, division.
 - 5. Method, analytic, synthetic. Science.

B. Material Logic or Criteriology.

- 1. Truth, its nature, kinds.
- 2. Logical truth; its attainment; state of the mind with regard to truth.
- 3. Certitude, its nature, kinds.
- Skepticism. Kinds: Universal, Methodical Doubt. Agnosticism, Materialism, Positivism, Idealism. Christian Science, Rationalism, Traditionalism.
- Means of attaining truth. Our cognoscitive faculties; senses, external and internal; intellect. Authority.
- 6. Criteria of truth; proximate, ultimate.

II. METAPHYSICS.

- A. General Metaphysics or Ontology.
 - 1. Being. Objective Concept. Essence.
 - States of Being. Existence. Possibility; internal, external. Source of internal possibility.
 - 3. Transcendental properties of Being: one, true, good.
 - 4. Kinds of Being: Substance and Accident.
 - (a) Notion of Substance.
 - (b) Nature, Individual, Supposite, Person.
 - 5. Notion of accident.
 - (a) Existence of accident separate from substance.
 - (b) Species of accidents.
 - (c) Space, place. Compenetration. Multilocation.
 - 6. Causes of Being.
 - 7. Perfection of Being.
 - (a) Finite, infinite.
 - (b) Contingent, necessary.
 - (c) Time, Eternity.
 - (d) Order, beauty, sublimity.

B. Special Metaphysics.

- 1. Cosmology.
 - (a) Origin of the World. Materialism. Pantheism. Creation. Age of the World. Atheistic and Theistic Evolution.End of Creation.
 - (b) Constitution of Bodies.
 - (c) Organic bodies. Life. Degrees and Functions. Senses. Experimental Psychology.
- 2. Rational Psychology.
 - (a) Nature of the human soul. Union with body.
 - (b) Properties: Spiritual, immortal.

- (c) Faculties: 1. Cognoscitive. Intellect. Acts. Origin of Ideas. 2. Appetitive. Rational, the Will. Liberty.
- 3. Natural Theology.
 - (a) God, not Nature, nor Power behind Nature, nor World soul or spirit, but a Personal Being distinct from the Universe. Pantheism, Atheism, Agnosticism.
 - (b) His existence known not immediately, nor by intuition, nor by an innate idea, but by a posteriori demonstration.
 - (c) Essence of God. Self-existence. Necessary, Infinite Eternal, Immutable. Immense.
 - (d) Attributes: Unity. Simplicity. Polytheism. Dualism. Anthropomorphism. Origin of evil, Physical and Moral.
 - (e) Knowledge of God.
 - (f) Will of God.
 - (g) Influx into creatures. Creation. Conservation. Concourse.
 - (h) Providence. Distribution of temporal good and evil.

III. ETHICS OR MORAL PHILOSOPHY.

Definition. Truths assumed from Metaphysics.

A. General Ethics.

- 1. Subjective and Objective ultimate end of Man.
- 2. Human action. Imputability. Merit. Impediments.
- 3. Origin of morality of human action in the abstract and in the concrete.
- 4. Norm of Human Action.
 - (a) External Norm. Law, External, Natural, Positive, divine and human Obligation.
 - (b) Internal Norm. Conscience.

B. Applied Ethics.

- I. Rights and Duties. Relation to others as individuals.
 - (a) Duties to God.
 - (b) Duties to Self. Suicide. Danger.
 - (c) Duties to Fellow-Men. Love. Enemies.
- 1. To their Souls:
 - (a) To their intellect. Lying. Mental Reservation.
 - (b) To their Will.
- 2. To their body. Self-defense.
- 3. To their honor. Dueling.
- 4. To their property. Right of private property in the abstract. Communism. Socialism. Single Tax. Right to private property in the concrete.
- 5. Ways of acquiring property.
 - (d) Restitution.

- II. Society. Relations to others as members of society.
 - (a) Definition of Society.
 - (b) Origin of society in the abstract. Man social by nature. Hobbes. Rousseau. In the concrete, some human fact.
 - (c) Kinds of society. Primary: the family, state and church. Secondary Societies.
 - (a) The Family.
- Marriage, of divine institution; hence in its essentials, independent of civil authority.
- Properties: Unity and Indissolubility; hence divorce impossible by human authority.
 - (b) Civil Society.
- Origin in general from God. Its form determined by some human fact.
- 2. The family, its unit.
- 3. Its proximate and ultimate end.
- 4. Civil authority in the abstract from God; hence the absurdity of the Social Contract of Rousseau; in the concrete determined by some human fact.
- 5. Forms of civil society. Stability. Liberty, true and false.
- 6. Tyranny. Usurpation. Transmission of civil authority.
- 7. Constitution, natural and written.
- 8. Minor societies. Right to existence and self-government. Secret societies. Relation to primary societies.
- 9. Functions of the supreme authority; legislative, judicial, executive; taxation, militia, capital punishment.
- 10. Social Order:
 - (a) Material order. Political Economy.
 - (b) Moral order. Religion. Union of State and Church. Liberty of Conscience. Toleration; dogmatic, personal, civil. Liberty of speech and of the press. Education. Common Schools.
- 11. Civilization.
 - (c) International Society.
- 1. International Law. Sources.
- 2. War.
- 3. Intervention.
 - (d) Religious Society. The Church.
- 1. Origin. End.
- 2. Nature. Rights.
- 3. Relation to Civil Society.

 Supreme Authority. Independent of the State. Investiture. Secular Arm. Veto of Secular Rulers in the Election of the Pope.

The number of periods indicates the amount of time given to a subject per week. A period, unless otherwise specified, stands for fifty minutes.

LATIN.

Freshman Class.

(Five Periods.)

Precepts: A thorough review of Latin prosody and versification.

Authors—first term: Horace, Ars Poetica; Virgil, Aeneid, books 6 and 12; Livy, books 1 and 21.

Second term: Livy, books 21, 22; Horace, Select Odes.

Sight Reading: Selections from Christian Hymnology; Livy.

Practice—both terms: Bradley's Aids to Writing Latin Prose, Part 1, and selections from Part 11 to Exercise 60. Two themes a week. A theme in imitation of the prose authors studied about every fortnight.

Memory: From the authors read in class.

Sophomore Class.

(Five Periods.)

Authors—first term: Cicero, Pro Lege Manilia or Pro Milone; Horace, Select Odes and Epodes.

Second term: Horace, Epistles and Satires; Cicero, Pro Ligario; Tacitus, Agricola.

Sight Reading: Selections from the authors assigned above; Tacitus, Germania or Annals; Selections from the Latin Fathers.

Practice—both terms: Bradley's Aids, selections from Part 2, from Exercise 50 to end of book. Two themes a week. One composition every fortnight in imitation of the authors studied. Off-hand translation from English into Latin.

Memory: Select passages from the authors read.

Junior Class.

(Three Periods.)

Authors—first term: Cicero, Quaestiones Tusculanae; Plautus, Duo Captivi; History of Latin Literature, Mackail (Scribner's), for reference. Essays in Latin, Bradley's Aids.

Second term: Cicero, Quaestiones Tusculanae, continued; Pliny, Letters; Juvenal, Selections; Selections from the Latin Fathers. Essays in Latin.

GREEK.

Freshman Class.

(Five Periods.)

Precepts—first term: The syntax of the verb repeated; general rules of quantity in connection with the author; the Homeric dialect, cf. Kaegi-Kleist, Nos. 209-215. Brief sketch of Greek Epic and Lyric poetry. Cf. Jebb's Classical Greek Poetry.

Second term: The precepts of the first term thoroughly repeated.

Authors—both terms: Plato, Apology or Crito; Homer, Odyssey; selections from books 5 to 12. Lyrics selected from the various Greek poets—Sappho, Simonides of Ceos, Pindar (Olympian XII or selections from a longer ode), Meleager. Cf. Garvy's Anthology.

Sight Reading—both terms: The New Testament or selections from the authors read in class.

Practice—both terms: A written theme once a week, based on the authors studied and illustrating the syntax of Attic Greek; or Kaegi-Kleist Exercise Book 2, Nos. 52-66.

Frequent written reviews in class.

Sophomore Class.

(Five Periods.)

Authors—first term: Homer, Iliad, select passages: structure of the poem. Demosthenes' Philippics. Analysis of first or third Philippic to be seen in detail.

Second term: Demosthenes on the Crown, with detailed analysis. Sophocles, Antigone, Oedipus Tyrannus or Oedipus Coloneus.

Sight Reading—both terms: The New Testament or St. Chrysostom, Eutropius, or St. Basil.

Practice—both terms: Easy themes built on sentences in the text, once a week. Frequent written reviews.

Junior Class.

(Three Periods.)

Authors—both terms: Plato, Phaedo, analysis; Keep's Stories from Herodotus; Aeschylus, Prometheus Bound or Agamemnon.

ENGLISH.

Freshman Class.

(Five Periods.)

Precepts: Literary Aesthetics; Theory of the Beautiful, of the Sublime; Taste; Imagination; Theory of Literature; Poetics; Nature and kinds of poetry; elements of poetic substance and form; characteristics of Lyric and Epic Poetry. Fiction: Constructive principles of story-writing; elements of Fiction, viz., plot, character, situation, purpose; Realism and Romanticism in Fiction; development of the English Novel.

Text-book: Coppens' Introduction, with Professor's Notes.

Texts for study: Newman's Lecture on Literature and Essay on Aristotle's Poetics; Selections from Newman, Ruskin, De Quincey, Milton, Coleridge, Wordsworth, Keats, Tennyson, DeVere.

History of English Literature and Criticism. Anglo-Saxon, Semi-Saxon, Old English and Middle English Periods; The Elizabethan age; The Transition Period; The Classical Age.

Text-book: Jenkins' Handbook of English Literature.

Practice: One composition a week on subjects chiefly literary.

Sophomore Class.

(Five Periods.)

Precepts: Oratory: Nature and types of oratory; division of the oration; style in public speaking; methods of oratorical composition; principles of argumentation.

Text-book: Coppens' Art of Oratorical Composition.

History: Principles of historical composition; ethical requirements of history; representative English and American historians.

Texts for study: Burke's speech on American Taxation and Address to the Electors of Bristol; Webster's Reply to Hayne, Girard College Case, Knapp Trial, Commemorative Address on Adams and Jefferson; Newman's Second Spring. Other speeches of Webster, Calhoun and Clay. Famous French Orators.

History of English Literature and Criticism: The Romantic School of the Nineteenth Century; American Literature.

Text-book: Jenkins' Handbook of English Literature.

Practice: One Composition a week. Analysis and criticism of speeches.

Junior Class.

(Four Periods.)

Precepts: The Drama; Laws and technique; theory of the Tragic; of the Comic,

Texts for study: Shakespeare's Plays; Interpretation, critical and comparative study.

Practice: One composition a week or every fortnight. Essays, critical and philosophical.

Senior Class.

(Four Periods.)

Precepts: Theory of expository writing; the critical and philosophical essay; stylistic and structural requirements; historical development of the English essay.

Texts for study: Essays of Macaulay, Newman, Brownson, Archbishop Spalding, etc. Analysis and comparative study of essays, with the emphasis laid on substance and structural organization.

Practice: One composition a week or every fortnight. Subjects chiefly critical and philosophical.

MATHEMATICS.

Freshman Class.

(Three Periods.)

First term: Algebra, c. 22, Choice, etc., to end of book.

Second term: Analytical Geometry, four chapters to Parabola excl., supplementary propositions.

Sophomore Class.

(Three Periods.)

First term: Analytical Geometry, Parabola to end of book.

Second term: Calculus.

Junior Class.

(Two Periods.)

Both terms: Calculus continued and finished.

HISTORY.

Freshman Class.

(Three Periods.)

This course deals with the causes which led to the revolutions against religious authority in Germany under Luther and in England under Herry VIII. It treats of the social upheavals and wars which followed from the religious rebellions. It embraces the period from the suppression of the Templars to the reign of Louis XIV.

The Renaissance; the causes of the Protestant Revolution; the Exile of the Papacy; the great Schism of the West; the Hundred Years' War; the Ottoman Empire; the Inquisition, Universities, Guilds.

The age of Charles V; the Protestant Revolution; Catholic Revival; wars of the Protestant Revolution; the Huguenots; Thirty Years' War.

Spain and England; Spain in the New World; the Puritans; Age of Louis XIV.

Both terms: Guggenberger, History of the Christian Era, Vol. 2.

Sophomore Class.

(Three Periods.)

This course deals with the social and political revolutions of the eighteenth and nineteenth centuries. It gives the long struggle of the people for greater rights and liberties. It begins with the Hanoverian succession in England and ends with a brief account of contemporary history.

The Hanoverian Succession in England; the beginning of Russia; Wars of the Austrian Succession; Colonies of North America; Seven Years' War; Division of Poland.

Causes of the political and Social Revolutions of the eighteenth century; American War of Independence; French Revolution; Era of Napoleon; Catholic Emancipation in England.

Europe in the first half of the nineteenth century; Crimean War; Italy; Franco-German War; Civil War in the United States; Great Powers today; Church and State.

Both terms: Guggenberger, History of the Christian Era, Vol. 3.

Junior and Senior Classes.

(One Period.)

Both terms: Turner's History of Philosophy.

History of Philosophy embraces the historical development and scientific correlation of philosophical systems, with such additional information, biographical and otherwise, as may be needful for the fuller understanding of the subject. One lecture is delivered weekly, the students being required to furnish written dissertations upon the matter treated.

Ancient Philosophy. The Vedas. Theories of Egypt and Asia. The Ionic School. The Pythagoreans. The Sophists. The Socratic School. The Epicureans. The Stoics. The Sceptics. The Syncretists and Roman Philosophy. Jewish-Alexandrian Philosophy. Neo-Pythagoreanism. Neo-Platonism. The Fathers of the Church. The Gnostics. The Schoolmen. The Mystics. The Revival of Platonism, of Aristotelianism. Arabian and Jewish Philosophy.

Modern Philosophy. Descartes and his followers: Malebranche, Spinoza, Bayle, Locke, Hume, the Encyclopaedists. Leibnitz, Wolf, Berkley, Rousseau. The Scottish School. The Transcendentalists, Kant, Fichte, Hegel, Schelling, and their schools of thought. Positivism, Modern Evolution Theories. The Neo-Scholastics. Thomistic Philosophy.

ASTRONOMY.

Senior Class.

(Two Periods.)

Young's Astronomy—historical, descriptive and practical. Lectures and recitations. For reference, Clerk's History of Astronomy, Newcomb's "The Stars," Lockyer, Langley.

GEOLOGY.

General course in Dynamic, Structural, Physiographic, Historical, and Economic Geology. Principles of Petrology, Mineralogy and Paleontology. Study of the field work of the Wisconsin Geological Survey. The College possesses a collection of the more important minerals and rocks; in addition to this the students have access to the Public Museum, the entire third floor of which is devoted to Geology.

Lectures, field work, identification of life forms, recitations and written exercises. For reference: Dana, Brigham, Le Conte, Geike, Scott, Nicholson and Lydekker, Russell, Wright. Also the extremely valuable publications of the Wisconsin Geological Survey and the United States Geological Survey's Monographs and Bulletins.

BIOLOGY.

Animal Biology; an elementary study of animal forms; morphological inter-relations; unicellular organisms; multicellular organisms; generally accepted theories of the genesis of life. Lectures, recitations and laboratory work.

CHEMISTRY.

3. General Inorganic Chemistry. Fundamental laws and theories studied in experiments and in the natural phenomena of every day life. Thermochemistry; the measure of the pressure of a gas; Boyle's law; mixed gases; densities of gases; acids; oxyacids; hydracids; valency; the kinetic-molecular hypothesis applied to gases, liquids and solids; solution; limits of solubility; Avogadro's hypothesis; law of combining volumes atomic hypothesis; the elements and their compounds. Two lectures, one three hour laboratory period throughout the year.

- 3A. General Inorganic Chemistry and Qualitative Analysis. Three lectures, two laboratory periods throughout the year.
- 4. Analytical Chemistry. Qualitative Analysis: The Chemistry of the metals and their more important salts; explanation of the various chemical groups; methods of separation and detection of metallic elements and acid radicals; the detection of the more common organic acids. Two three hour laboratory periods, first semester.
 - 5. Analytical Chemistry. Quantitative Analysis.

Gravimetric Analysis: A selected number of determinations of basic and acid constituents, which will illustrate the different conditions of precipitation; washing, drying and weighing of precipitates; followed by methods of precipitation.

Volumetric Analysis: The use of volumetric apparatus; making and standardizing volumetric solutions; selection and use of indicators; determination by acidimetric, alkalimetric and oxidimetric methods. Two three hour laboratory periods, second semester.

For courses in Applied Chemistry and Metallurgy, see Bulletin of the College of Applied Science and Engineering.

PHYSICS.

1. Mechanics, Hydrostatics and Properties of Bodies; Sound—A lecture and laboratory course embodying to a great extent the units of the metric system in measurements with verniers, Micrometer screw, screwgauge, comparator and cathetometer. Velocity and acceleration of falling bodies. Newton's laws of motion; momentum and the laws of energy; the lever, screw, wheel and axle and pulley as used in simple machinery. The pendulum as applied to clocks and as determining the force of gravity. Pressure exerted by a fluid; density of liquids; flotation. Pascal's law; law of Archimedes; methods of determining specific gravities; hydrometers and gauges. Elasticity of liquids; hydraulic press; pumps and syphons; steam and water turbine, etc. Isotropic bodies; malleability and ductility; elasticity of volume, rigidity; elongation; Young's modulus; Hooke's law; bending; torsional rigidity, elastic limit; elastic fatigue, etc.

Wave motion, and water waves in their analogy to sound waves; velocity of sound in air; law of velocity of sound propagation; quality of sounds; musical scale; interference of sound waves; vibrations of strings; resonators; audition; consonance and dissonance; production of vocal sounds, etc. First semester, two lectures, two recitations, one laboratory period.

2. Light, Heat and Electricity—A lecture and laboratory course on the reflection and refraction of light; lenses and their uses; microscope; telescope. Photometry; velocity of light; dispersion; interference; color sensation; polarization, etc.

Thermometers and the laws of heat expansion in gases and liquids; expansion of metals; the law of Charles; absolute zero.

Calorimetry; melting and boiling points; latent heat of fusion; determination of the mechanical equivalent of heat; work done by a gas during expansion; steam pressure, superheated steam; steam and gas engines.

The object of the course in Electricity is to familiarize the student with first principles in the heating, lighting, electrolytic and magnetic effects of currents. Batteries of various types, storage cells, spark coils, magnetos, dynamos and motors, telephone apparatus, galvanometers, voltmeters and ammeters are placed at his disposal for study and experiment. Second semester, two lectures, two recitations, one laboratory period.

3. Theory and Methods of Physical Measurements—The construction, use and adjustments of accurate laboratory apparatus, particular attention being paid to optical and electrical measurements. Throughout the year. One lecture and two laboratory periods. Prerequisite Courses 1 and 2.

EVIDENCES OF RELIGION.

Freshman Class.

(Two Periods.)

The Church as a Means of Salvation; The Last Things; The Christian's Duties Towards God, etc., Wilmer's pp. 379 to 493, the part from p. 399 to p. 422 excl., being omitted.

Sophomore Class.

(Two Periods.)

Grace; The Sacraments, etc., Wilmer's pp. 279 to 379.

Junior Class.

(Two Periods.)

The Creation of the World; the various grades of Creation, etc., Wilmer's, pp. 200 to 279; Christianity a Revealed Religion, etc., pp. 1 to 77.

Senior Class.

(Two Periods.)

The basis of Morality; Law as the Objective Norm of Human Actions, etc., Wilmer's, pp. 399 to 421; the Constitution of the Church, etc., Wilmer's, pp. 77 to 200.

SCHEDULE OF CLASS PERIODS.

	Freshman	Sophomore	Junior	Senior
	Year	Year	Year	Year
Philosophy			8	5
Latin	. 5	5	3	
Greek	. 5	5	3	
English	. 5	5	4	4
History	. 3	3E	1E	lE
Mathematics	. 3	3E	2E	
Chemistry	. 5			
Physics		5	· 4E	
Elocution	. 1	1	1	lE
Religion	. 2	2	2	2
Electives (See Below)				

Electives: In Sophomore class a choice is allowed between History and Mathematics. Eight hours a week in the Junior and eleven hours a week in the Senior year must be devoted to electives. These include, besides the branches marked with an "E" in the list above, the following: German, French, Political Economy, Astronomy, Geology, Biology, Chemistry, Public Speaking, Descriptive Geometry, etc.

SPECIAL PRIZES.

INTERCOLLEGIATE ENGLISH PRIZE.—A purse of \$100.00 (\$50.00 for the first prize, \$20.00 for the second, \$15.00 for the third, \$10.00 for the fourth, and \$5.00 for the fifth) is offered yearly by Mr. D. F. Bremner, of Chicago, for excellence in English essay writing. The purse is open to the competition of the Jesuit Colleges of the Missouri Province, which are:

- St. Louis University, St. Louis, Mo.
- St. Xavier College, Cincinnati, Ohio.
- St. Ignatius College, Chicago, Ill.
- St. Mary's College, St. Mary's, Kan.
- Creighton University, Omaha, Neb.
- Detroit College, Detroit, Mich.
- Marquette University, Milwaukee, Wis.
- St. John's College, Belize, British Honduras.
- St. Ignatius College, Cleveland, Ohio.
- St. John's University, Toledo, Ohio.
- Sacred Heart College, Prairie du Chien, Wis.

INTERCOLLEGIATE LATIN PRIZE.—For the best Latin essay from competitors of the same colleges, a gold medal is offered by Very Rev. R. J. Meyer, S. J., Provincial.

ORATORICAL PRIZE.—A prize of \$25, presented in alternate years by Mr. Francis X. Boden and Mr. and Mrs. August M. Grau, for the best oration given by a member of the Marquette Oratorical Society. Donors in 1912, Mr. and Mrs. August M. Grau.

LATIN PRIZE.—A prize of \$25, donated by Mr. Francis X. Boden, for the best Latin essay. Not competed for in 1912.

SCIENTIFIC PRIZE.—A prize of \$25, the gift of Mr. Ignatz Czerwinski, for the best Scientific essay. Not competed for in 1912.

PRIZES FOR ELOCUTION.—A gold medal is offered annually for the best speaker in the public contest; one medal is offered each class in Elocution, by members of the M. U. Alumni, Arts and Sciences.

PERMANENT SCHOLARSHIPS.

A Permanent Scholarship is founded by the gift of \$1,500; it entitles the founder at all times to keep one scholar, designated by him and acceptable to the Faculty, free at the College of Arts and Sciences or at the Academy. If the founder fails to name an incumbent, the scholarship will be conferred upon some needy and deserving student.

The following Permanent Scholarships have been donated.

The Loyola Scholarship, by a friend.

The Phelan Scholarship, by Miss Catherine Phelan.

The Marquette Scholarship, by a friend.

The Anton V. Romadka Scholarship.

The Xavier Scholarship, by a friend.

The Johnson Scholarship, in memory of George and George F. Johnson.

The Berchman's Scholarship, by a friend.

In 1909 a scholarship was founded by Hon. Ernst Merton of Waukesha, Wisconsin.

LIBRARY FACILITIES.

The magnificent public library of the city, containing 187,000 volumes, is within three minutes' walk of the University. The arrangement of the library is an ideal one for students, who have access to all the books for consultation and study, and may with special privilege take home with them as many books as are necessary for the preparation of essays, debates, etc.

In the history room are over 48,000 volumes, including 2,250 on Philosophy, 15,240 on Sociology, 7,177 on Travel, 11,087 on Biography, and 11,900 on History.

The literature room contains 15,000 volumes, among which are American, English, French, German, Grecian, Roman, Italian, Spanish, Portu-

guese literatures, also a goodly number of Swedish, Danish, Dutch, Flemish, Semitic and Slavic, and many books of Japanese, Chinese and Celtic literatures.

The science room has 12,000 volumes. On the different shelves are books on Natural Science, Mathematics, Physics, Electricity, Chemistry, Geology, Biology, Archaeology, Paleontology, Botany, Zoology, Birds, Mammals, Engineering and Agriculture.

The College Library contains 11,000 volumes. Its circulating department, accessible to the members twice a week, comprises standard English works, carefully selected with a view to the needs of the College students.

MUSEUM.

The University is within a few minutes' walk of the Public Museum, where students can supplement the study of the class-room by actual observation. The doors of the museum are open to the public daily at 9:00 a. m.

STUDENT ORGANIZATIONS.

SODALITY OF THE IMMACULATE CONCEPTION OF B. V. M.

This confraternity is composed of Catholic students. Its object is the cultivation of a religious spirit among its members and the practice of devotion toward the Blessed Virgin Mary.

Director: Rev. John J. Danihy, S. J.

THE APOSTLESHIP OF PRAYER, LEAGUE OF THE SACRED HEART.

This organization seeks to procure a happy means of fulfilling the commond of God, "Pray always," by giving to even the ordinary daily actions the efficacy of prayer.

The members hope by this means to further the designs of Jesus Christ, and they league themselves with Him to procure the spread of the grace of salvation to all men.

Director: Rev. H. M. Finnegan, S. J.

MARQUETTE ORATORICAL SOCIETY. Organized 1883.

This Society aims by weekly exercises in debating, essay-writing, recitations, criticisms and extempore speaking to prepare the members for public speaking and to increase their fund of information on questions of history, literature and political economy. Membership is limited to students of the English Classes of the College of Arts and Sciences.

OFFICERS 1912-13.

Faculty Moderator, REV. JOHN DANIHY, S. J.

OFFICERS FIRST SEMESTER.

John P. McGalloway, '12
Leo F. McGreal, '12
Elsmere J. Koelzer, '13
Oscar A. Stiennon, '12

OFFICERS SECOND SEMESTER.

James V. Linden, '12
Sidney J. Dwyer, '13
Oscar A. Stiennon, '12Secretary
Leo A. Mullaney, '13

COMMITTEE ON DEBATES.

Francis J. Schuttler, '13	R. Harold Sloan, '13
Henry J. Kuhn, '13	Charles A. Mallon, '15
James V. Linden, '12	John M. Gannon, '14

The Moderator is a member of the College Faculty, appointed by the President of Marquette University. The members elect the other officers at the opening of each semester.

LE CERCLE FRANCAIS.

This club represents the efforts of the more advanced students in French to promote the study of the French language and literature. It is an outgrowth of the French classes and aims to supplement the work of the class rooms by stimulating the interest of the students in all that pertains to the literature and institutions of the French people.

Club meetings are held weekly and regular programs carried out. The work of the club is under the direction of Professor Abrams.

THE MARQUETTE UNIVERSITY SCHILLER CLUB

was organized in 1908 and is at present in a flourishing condition. Its purpose is two-fold: First, to enable its members by means of prepared devates and extempore speaking to acquire facility in the use of the German language; Second, to help them to keep up a general interest in the German language and literature by the familiar discussion of literary topics and select readings from German classes. The Club is under the Direction of Professor Abrams.

MARQUETTE UNIVERSITY JOURNAL.

The Journal is a periodical published during the months of October, December, February, April and June, by a board of editors of Marquette University. Its aim is three-fold: First, to bring to higher efficiency the literary expression of students of all departments; Second, to chronicle the literary, social and athletic events of the University; Third, to serve as a channel of communication between old and attending students.

Director: Rev. John E. Copus, S. J.

Terms.

\$1.00 a year, twenty-five cents a copy. Advertising rates on application.

Manuscripts and notes are always subject to revision and are to be handed in on the 11th day of the month of publication. Letters and business communications must be addressed to

THE MARQUETTE UNIVERSITY JOURNAL,

Grand Ave. and 12th St.,

Milwaukee, Wisconsin.

THE MARQUETTE UNIVERSITY MUSICAL ASSOCIATION.

Moderator: Rev. J. B. Hemann, S. J.

I. VOCAL.

THE UNIVERSITY GLEE CLUB.

Students in any of the University departments, having the necessary qualifications, are eligible to membership in the Glee Club. Two half hour periods weekly are given to vocal culture, accompanied by instruction in musical theory and correct interpretation. Four part compositions of medium difficulty form the basis of the exercises. Regularity in attendance at club rehearsals is imperative and an absolute condition of membership.

II. INSTRUMENTAL.

The association comprises three separate organizations:

- 1. The Marquette University Mandolin Club.
- 2. The Marquette Orchestra.
- 3. Marquette University Brass Band.

MARQUETTE UNIVERSITY ATHLETIC ASSOCIATION.

The object of this association is to furnish the students with the best facilities for the promotion of general athletics. Realizing the necessity of suitable recreation and relaxation of both mind and body for those engaged in mental pursuits, the University authorities have at all times encouraged manly sports among the students. However, only those who are regular in class attendance and up to the standard in class work are allowed to take part in any athletic contests in which the University is represented.

Faculty Moderator: Rev. Augustine D. Theissen, S. J.

Athletic Director: Clarence J. Kenney, M. D. Assistant Athletic Director: Leander Foley, M. D.

DEGREES CONFERRED.

1887.

A. B. Francis X. Bodden, John I. Drew, Charles Gaffney, Henry F. Millmann, James D. O'Neil,

1888.

A. B. Alphonse M. Bodden.
Charles J. Coffey.
Edward J. Flynn.
John J. Hannan.
David M. Johnson.
William P. Schoen.

1889.

A. M. Francis X. Bodden, A. B. James D. O'Neil, A. B.

1890.

A. B. Paul P. Aylward.
George A. Durnin.
William J. Eline.
Joseph P. Kiedrowicz.
Maurice A. McCabe.
Patrick A. Mullens.
Charles M. Schoen.
Charles A. Trzebiatowski.

1891.

A. M. Bernard T. Becker, A. B. William P. Schoen, A. B.

A. B. William J. Carroll,
Joseph C. Husslein.
Robert S. Johnston.
Charles F. Schiedel.
Joseph F. Studnicka.
John F. Synnott.

1892.

A. M. George A. Durnin, A. B. Paul P. Aylward, A. B. Charles J. Coffey, A. B.

A. B. Alphonse J. Conroy.
William T. Doyle.
Francis M. Eline.
Joseph L. Steinle.
Joseph J. Zimmermann.

1893.

A. M. Maurice A. McCabe, A. B.

Charles F. Schiedel, A. B.

A. B. John G. Bednarek. James F. Gaffney. Paul E. Schiedel.

1894.

A. M. Francis M. Eline, A. B.
Joseph L. Steinle, A. B.
Joseph J. Zimmermann, A. B.
Joseph F. Studnika, A. B.

A. B. Victor W. Bergenthal,
William P. Cannon.
Louis A. Dahlman.
Francis A. Domagalski.
Max S. Dorszynski,
James I. Fitzsimmons.
Eugene H. Lonstorf.
Arthur E. Muth.

B. S. Michael G. Rohan.

1895.

A. M. Alphonse M. Bodden, A. B. John J. Hannan, A. B. Roland J. Kenney, A. B. Paul E. Schiedel, A. B.

A. B. John H. Bannen.
Francis X. Boden.
Daniel F. Daly.
Timothy J. Hannan.
Harry S. Johnston.
John F. O'Connor.
Henry F. Reilly.
Charles E. Schuetz.
Sylvester S. Sullivan.
John H. Szymarek.
James J. Tallmadge.

1896.

A. M. James I. Fitzsimmons, A. B. Thomas Fitzgibbon, M. D.

A. B. Edmund J. Bach.
George A. Coffey.
Joseph H. Griffen.
Otto J. Kuhnmuench.
Albert J. Millmann.
Herbert C. Noonan.
Mark L. Palmer.
Francis J. Zimmermann.
Val. J. Zimmermann.

DEGREES CONFERRED-Continued.

1897.

A. M. Arthur E. Muth, A. B.

A. B. William L. Coffey.

William J. Donahue.

Anthony A. Dorszynski.

Thomas C. Downs.

Aloysius S. Eline.

Walter E. Foley.

James H. Gillick.

Louis A. Jurasinski.

Francis P. Kane.

Martin W. Kutschera.

Aurel J. Langlois.

Francis J. Larkin.

Bernard J. Leary.

Eugene J. Madden.

Francis X. McCabe.

Patrick J. Phillips.

Martin J. Ryan.

Eugene A. Schoenfelder.

Daniel J. Sheehan.

Joseph Wilczewski.

1898.

A. B. Aloysius A. Bach.
Edward A. Baggler.
Charles L. Conroy.
Michael J. Domachowski.
Francis L. Doolan.
Francis J. Kusta.
Otto J. Lohagen.
Erwin P. Nemmers.
William J. O'Connor.
James R. O'Neil.
Charles J. Reilly.
Francis S. Schoen.
Paul J. Somers.

Michael J. Wenta.

1899.

A. B. Lawrence P. Craney.
Arthur M. Dentinger.
John B. Frymark.
Joseph E. Hanz.
Harry V. Kane.
Natt. G. McDougall.
Daniel V. Patt.
Leo J. Somers.

1900.

A. B. Walter C. Boden.

Edmund A. Coleman.

Philip A. Grau.

Joseph C. Knitter.

Joseph M. Kroeger.

Henry F. McCann.

John A. McSweeney.

William J. Malloy.

John P. Meehan.

Joseph C. Millman.

Francis A. Romadka.

Louis A. Zavitovsky.

1901.

A. M. Arthur M. Dentiger, A. B.
Michael J. Domachowski, A. B.
Joseph E. L. Fyans, A. B.
Joseph E. Hanz, A. B.
Michael J. Wenta, A. B.

A. B. William C. Bruce. Stephen F. Dunn.

William J. Finan.

Francis A. Grzywacz.

Edward V. Monahan.

Michael A. Thomas,

1902.

A. M. Lawrence P. Craney, A. B. Louis A. Zavitovsky, A. B.

A. B. Edward T. Dixon.

Adolph J. Luick.

Paul G. Pollard. George W. Reynolds.

1903.

A. M. Joseph C. Knitter, A. B. Stephen F. Dunn, A. B. Michael A. Thomas, A. B.

A. B. William P. Barrett,
Walter G. Bautz.
Michael M. Doyle,
Joseph P. Murphy,
Raymond M. McNulty,
Timothy W. O'Donovan,
Robert W. Quinn,
Jacob T. Thomas,

1904.

A. M. William J. Carroll, A. B.
A. B. Frederick J. Bergs.
James D. Foley.
Francis W. Howe.
Edgar J. Huennekens.
Walter V. Johnston.

DEGREES CONFERRED-Continued.

John A. Kusta.
Francis Landowski.
Anthony J. Lukaszewski.
William A. Millmann.
Joseph P. O'Brien.
Albert J. Pitman.
Clarence J. Pallard.
Francis J. Zynda.

1905.

- A. M. William P. Barrett, A. B.
 Timothy W. O'Donovan, A. B.
 Francis J. Zynda, A. B.
 Francis Landowski, A. B.
- A. B. Francis M. Bruce. Francis T. Burns. Thomas J. Callan. Christopher J. Finnegan. Vincent Hennessey. Anthony Jazdzewski. John I. Kleczka. William J. McCauley. John I. McGee. William Parusznski. George M. Sipchen. Anthony Sobolewski. John Strelka. Francis T. Szule. Edward Wielebski. Matthias Weishar.

1906.

- A. M. Francis W. Howe, A. B.
 John I. Kleczka, A. B.
 Anthony Jazdzewski, A. B.
 Charles H. Schultz.
 Francis T. Szule, A. B.
- A. B. Francis Ciezki.
 William J. Clancy.
 Lawrence D. Gillick.
 Leo Hannifin.
 Edward H. Hickey.
 Francis J. Jennings.
 Joseph A. Koss.
 Willard Lyons.
 Joseph Rheude.
 Edward Roth.
 John A. Schroeder.
 Ladislaus Wielebski.
 John Zwadzich.

1907.

- A. M. James D. Foley, A. B. Lawrence D. Gillick, A. B. Edgar J. Huennekens, A. B.
- M. S. William G. Doern, M. D. Warren B. Hill, M. D.
- A. B. Joseph Bach.
 Robert Bach.
 Thomas Clarke.
 John Donnelly.
 Edward Frétz.
 Leo Fretz.
 Albert Grace.
 Timothy Holland.
 Alexander Kowalski.
 Arthur McCarey.
 Charles Millmann.
 Carroll Murtha.
 John Quinn.
 Raymond Ripple.
 Joseph Schlaikowski.

1908.

- A. M. Francis F. Brey, A. B. Francis T. Burns, A. B. Frederick J. Bergs, A. B. John T. Quinn, A. B.
- A. B. Edward N. Suess,
 Thomas F. Regan,
 John B. Polczynski,
 Thomas A. Manning,
 George A. Eilers,
 Edmund J. Czerwinski,
 James E. Carrigan,
 George A. Burns,
 Rev. Matthew F. McEvoy,
- B. S. Henry L. Banzaf. Bruno Bambach, Wesley W. Earles, Edward Jennings.

1909.

- A. M. Thomas F. Callan, A. B.
 Joseph A. Koss, A. B.
 Thomas Regan, A. B.
 John Zwadzich, A. B.
 George Eilers, A. B.
 Edward A. Fretz, A. B.
 Leo A Fretz, A. B.
 Albert Grace, A. B.
 John Polczynski, A. B.
 Timothy Holland, A. B.
- A. B. Patrick Callan.

DEGREES CONFERRED—Continued.

Robert L. Dugan. 1911. LL. D. Rev. A. J. Rezek (Honorary). Thomas A. Finnegan. John F. Harkin. A. M. Jose Rivera, A. B. Michael J. McCarthy. Alphonse J. Abler. A. B. Thomas F. McCormick. Joseph Donat Asselin. William J. McGucken, Raphael Baez, Jr. Oliver L. O'Boyle. Raymond F. Jaekels. Albert W. Schober. Aloysius J. McKenna. Leo J. Schenuerill. Peter N. Sampon. George J. Schneider. James E. Zimmermann. Arthur J. Schinner. B. S. H. U. Belgum. Louis L. Frisque, D. D. S. B. S. Alexander Elston. Herbert Haywood, M. D. Lawrence Hopkinson, M. D. 1912. James McGrath. A. M. Thomas C. Clark, A. B., M. D. Daisy Grace Wolcott. Emmett J. Carrigan, A. B., LL, B. Oliver L. O'Boyle. 1910. Francis X. Swietlik, A. B. A. M. William Conrad Bruce, A. B. James E. Zimmerman, A. B. A. B. Arthur T. Bennis. Frank M. Bruce, A.B. A. B. Matthias N. Altenhofen. Elmer A. Bruett. Robert J. Fechter. John J. Bruckwicki. Thomas E. Leonard. John M. Flynn. Joseph A. Lynch. Alvin M. Fromherz.

Francis X. Williams. B. S. Martin E. Morrissey. Harry P. Bowen, M. D. Ray M. Frawley, M. D. Joseph P. McMahon, M. D. B. S. Peter N. Sampon, A. B.

Julien O. Gaver.

Francis X. Swietlik.

REGISTER OF STUDENTS.

Joseph J. Gross, Jr.

John P. McGalloway. Leo F. McGreal.

Oscar A. Stiennon.

Walter M. Heiser.

Ralph A. Lunz

1911-12.

Armstrong, Lewis WMilwaukee	Special
Bennis, Arthur TPunxsutawney, Pa	Senior
Bergwall, Robert PMilwaukee	Freshman
Bruett, Elmer AMilwaukee	Senior
Brown, William HenryAntigo, Wis	Freshman
Bruckwicki, John JMilwaukee	Senior
Cassidy, Francis JAuroraville, Wis	Special
Chojnacki, Leo PMilwaukee	Freshman
Czerwinski, Adrian BMilwaukee	Freshman
Darnieder, FrancisSheboygan, Wis	Freshman
Dwyer, Sidney JMilwaukee	Junior
Eschweiler, AlexanderMilwaukee	Special

Elston, Leo Weiss	Madison, Wis	.Special
	Cuba, Wis	
Fardy, Martin J	Mukwonago, Wis	Sophomore
Flynn, John M	Cambellsport, Wis	. Senior
	.Chicago, Ill	
	. New Orleans, La	
Gallagher, Edmund R	Chicago, Ill	Freshman
	Greenbush, Wis	
	Milwaukee	
Heiser, Walter M	Milwaukee	. Senior
	Milwaukee	
	Ashton, Iowa	
	. Milwaukee	
	Milwaukee	
Kaempf, William	Brillion, Wis	. Freshman
	Miles City, Mont	
	Milwaukee	
Kelly, Frank	Aberdeen, S. D	.Freshman
• •	Milwaukee	
Kobelinski, Bernard M	Milwaukee	. Sophomore
Koch, Benno F	Milwaukee	. Junior
Koelzer, Elsmere J	Milwaukee	. Junior
	Milwaukee	
Krueger, Henry E	Templeton, Wis	. Sophomore
	. Templeton, Wis	
	Milwaukee	
	Omro, Wis	
	Milwaukee	
	Milwaukee	
Lunz, Ralph A	Milwaukee	. Senior
McCabe, Ernest J	Browning, Mont	. Special
McGalloway, John P	Fond du Lac, Wis	. Senior
McGowan, Joseph B	Janesville, Wis	. Freshman
McGreal, Leo F	Milwaukee	. Senior
Mahoney, Raymond J	Milwaukee	. Freshman
Mallon, Charles A	Milwaukee	. Freshman
Martin, John E	Green Bay, Wis	. Freshman
	Milwaukee	
Palmer, Arthur W	Greenville, N. Y	.Freshman
Rhodes, John E	Milwaukee	. Special
*Died July 1019 D I		

^{*}Died July, 1912. R. I. P.

^{*}Died Aug. 4, 1912. R. I. P.

Rickert, Francis J., JrMilwaukee	Special
Rollins, George AJilwaukeeJ	unior
Romaine, Eldon VCambellsport, Wis	Special
Ruppenthal, ArmandBrillion, Wis S	ophomore
Ruzicka, Anton	special
Sanford, Francis S Milwaukee S	Sophomore
Sarnowski, Leonard CMilwaukee F	reshman
Schubert, Francis Milwaukee F	reshman
Schuttler, Francis JJ	unior
Shaughnessy, FrancisMilwaukee F	'reshman
Sloan, Roy Harold	unior
Steiner, RoyWauwatosa, WisF.	'reshman
Stephani, RomanSheboygan, WisF	'reshman
Stiennon, Oscar AMilwaukee	enior
Sullivan, Gerald AF	'reshman
Van Hecke, Stan. D Merrill, Wis F	'reshman
Ward, Vincent J	'reshman

COLLEGE CONTESTS.

Oratorical Contest.

THURSDAY, APRIL 25, 1912.

For a purse of \$25.00, presented by Mr. August M. Grau, Milwaukee.

Conditions.

Contestants must be active members of the Marquette Oratorical Society. The speeches must be the original work of the contestants. Speeches are limited to fifteen minutes, in the delivery. The judges pass on composition and delivery.

Judges of the Contest.

A. W. Richter, Esq., John C. Davis, C. E., Oliver J. O'Boyle, A.B.

Music.

Our American RepublicJames V. Linden, '12
The Might of the HearthSidney J. Dwyer, '13
The Twilight of WarJohn P. McGalloway, '12
A Menace to Justice Frances J. Schuttler, '13
The Real Economic ProblemOscar A. Stiennon, '12
Society's Alternative

Music.

Decision of the Judges.

Music.

Musical numbers by Marquette University Mandolin and Glee Club.

CONTEST IN ELOCUTION.

MARCH 21, 1912.

PROGRAM.

Overture......Marquette University Orchestra

SECTION I.

"Robert of Sicily"—Longfellow	Francis A. Darnieder, '15
"The Raven"—Poe	Francis W. Shaughnessy, '15
"The Vagabonds"—Trowbridge	Timothy J. Howard, '15
"The Telltale Heart"—Poe	Raymond J. Mahoney, '15
"One Day Solitary"—Trowbridge	
Music	M II Orchestra

SECTION II.

"Ben Hur's Victory"—Wallace
"Reply to Hayne"—WebsterJohn P. McGalloway, '12
"Daddy's Christmas"—AnonSidney J. Dwyer, '13
"Inkerman"—Miles Francis J. Schuttler, '13
"Shylock"—ShakespeareJames V. Linden, '12
Music
DECISION OF THE JUDGES.
Finale M. II Orchestra.

JUDGES OF THE CONTEST.

Henry V. Kane, Esq.

Daniel J. Sheehan, A. B.

George C. Dutcher, Esq.

THIRTY-FIRST ANNUAL COMMENCEMENT.

FRIDAY, JUNE 21, 1912.

DEGREES CONFERRED.

Master of Arts.

Emmett J. Carrigan, A.B., LL.B. Thomas C. Clarke, A.B., M.D. Oliver L. O'Boyle, A.B., LL.B. Francis X. Swietlik, A.B. James E. Zimmermann, A.B.

Bachelor of Arts.

Arthur T. Bennis
Elmer A. Bruett
John J. Brukwicki
John M. Flynn
Alvin M. Fromherz
Joseph J. Gross
Walter F. Heiser
James V. Linden
Ralph A. Lunz
Leo F. McGreal
John P. McGalloway (cum laude)
Oscar A. Stiennon

Bachelor of Science in Chemistry.

Peter N. Sampson, A. B.

AWARDS OF MEDALS AND PRIZES.

The Gold Medal for the highest honors in the Senior Class was won by John P. McGalloway.

Donor of Medal, James Hackett, M. D.

The Gold Medal for the highest honors in Freshman Class was won by Aloysius J. Huepper.

The purse of \$25.00 for the best Oration in the Oratorical Contest was won by John P. McGalloway, '12. Subject: "The Twilight of War." Donor: Mr. August M. Grau.

The Gold Medal for Elocution, First Section, was won by Francis W. Shaughnessy, '15.

In the Second Section, by Sidney J. Dwyer, '13.

Donor of the two medals, Mr. Frank T. Furlong.

MARQUETTE UNIVERSITY COLLEGE OF ARTS AND SCIENCES.

Thirty-Second Annual Commencement.

PABST THEATRE, MILWAUKEE, FRIDAY, JUNE 21, 1912.

PROGRAM.

Overture—"Poet and Peasant"......von Suppe

Conferring of Degrees.

REV. JOSEPH GRIMMELSMAN, S. J.,

President, Marquette University.

Selections—"Mikado"arr. Tobani

Address to the Graduates.

HON. PAUL D. CARPENTER.

Selections—"Aida" Verdi

Awards of Medals and Prizes.

Registration for Session 1912-13, Tuesday, September 3, 1912.

Classes will commence on Wednesday, September 4, 1912.



